

ABSTRACT OF THE DISCLOSURE

An throttle valve is controlled by using an electric actuator. A cover for covering one end side of the throttle valve shaft is attached to a side wall of a throttle body. a throttle position sensor unit and an electronic control module for controlling the throttle valve is attached to an inner face of the cover. The throttle position sensor and the electronic control module are contiguous to each other and connected at a position contiguous thereto. The cover is provided with a connector portion for external connection of the electronic control module. A group of lead frames constituting terminals of the connector portion are embedded in the cover . Power source is supplied to a motor via the connector portion for external connection, the electronic control module and intermediary connectors provided at the cover. Thereby, by simplifying the cover for protecting the throttle valve. The motor as a drive source and a power transmission apparatus, electric connection lines and connecting portions are integrally assembled. Thereby a motor driving type throttle apparatus can be integrated to an engine by inexpensive fabrication cost, in a compact and simple style and with high reliability.